

Poster title:

Acceptable round-off for presenting numerical data

Abstract:

In communications via numerical data including presentations and TV news, numbers are often expressed rounded off to a place understandable for audiences and viewers. This study identified the position to which numbers should be rounded off in various numerical data. Participants were requested to choose the most appropriate numbers from among four types of numbers rounded to the first, second, third, and fourth decimal place such as “63000000,” in twenty different kinds of statistical information that is conveyed as “The number of workers in Japan is about...” The result showed that the participants significantly chose many more numbers rounded to the second decimal place. The finding suggests that numbers should be rounded to the second decimal place for easier understanding of information.